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Applicant : Martin Stanton et al. Art Unit : Unknown
Serial No. : Examiner : Unknown
Filed : September 23, 2003
Title : NUCLEIC ACID-BASED DETECTION

BOX PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Under 35 USC §120, this application relies on the earlier filing date of application serial number 09/569,960, filed on May 12, 2000. Copies of the listed references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 14345-002004.

Respectfully submitted,

Date: September 23, 2003

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14345-002004	Application No.
	Applicant Martin Stanton et al.		
	Filing Date September 23, 2003	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,150,097	11/2000	Tyagi et al.	435	6	
	AB	6,103,476	8/2000	Tyagi et al.	435	6	
	AC	6,037,130	3/2000	Tyagi et al.	435	6	
	AD	5,989,823	11/23/99	Jayasena et al.	435	6	
	AE	5,843,653	12/01/98	Gold et al.	435	6	
	AF	5,837,466	11/17/98	Lane et al.	435	6	
	AG	5,771,097	06/23/98	Kusunose et al.	356	353	
	AH	5,691,145	11/25/97	Pitner et al.	435	6	
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	AN	4,781,458	11/01/88	Angel et al.	356	301	
	AO						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AP	WO 99/31275	06/24/99	PCT				
	AQ							

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AR	Bacher et al., "Nucleic Acid Selection as a Tool for Drug Discovery," Drug Discovery Today, 3(6):265-273 (1998)
	AS	Cardullo et al., "Detection of nucleic acid hybridization by nonradiative fluorescence resonance energy transfer," Proc. Natl. Acad. Sci. USA, 8:8790-8794 (December 1988)
	AT	Ciesiolka et al., "Affinity Selection-Amplification from Randomized Ribooligonucleotide Pools," Methods in Enzymology, 267:315-35 (1996)
	AU	Conrad et al., "Detecting Immobilized Protein Kinase C Isozymes with RNA Aptamers," Analytical Biochemistry, Article No. 0462, 242:261-265 (1996)
Examiner Signature		Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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	BA	Conrad et al., "In Vitro Selection of Nucleic Acid Aptamers That Bind Proteins," <i>Methods in Enzymology</i> , 267:336-383 (1996)
	BB	Davis et al., "Staining of cell surface human CD4 with 2'-F-pyrimidine-containing RNA aptamers for flow cytometry," <i>Nucleic Acids Research</i> , 26(17):3915-3924 (1998)
	BC	Ellington et al., "In vitro selection of RNA molecules that bind specific ligands," <i>Nature</i> , 346:818-822 (1990)
	BD	Fitzwater et al., "A SELEX Primer," <i>Methods in Enzymology</i> , 267:275-301 (1996)
	BE	Gold et al., "Diversity of Oligonucleotide Functions," <i>Annu. Rev. Biochem.</i> , 64:763-97 (1995)
	BF	Gold, "Oligonucleotides as Research, Diagnostic, and Therapeutic Agents," <i>The American Society for Biochemistry and Molecular Biology, Inc.</i> , 270(23):13581-13584 (1995)
	BG	Griffiths et al., <i>The EMBO Journal</i> , 13:3245-3260 (1994)
	BH	Jayasena, "Aptamers: An Emerging Class of Molecules That Rival Antibodies in Diagnostics," <i>Clin. Chem.</i> , 45(9):1628-50 (1999)
	BI	Kramer, "Molecular Beacons: Hybridization Probes for Detection of Nucleic Acids in Homogenous Solutions," http://www.molecular-beacons.com (12/7/98)
	BJ	Lashkari et al., "Yeast Microarrays for Genome Wide Parallel Genetic and Gene Expression Analysis," <i>Proc. Nat'l Acad. Sci. USA</i> , 94:13057-62 (1997)
	BK	Lin et al., "Modified RNA sequence pools for in vitro selection," <i>Nucleic Acids Research</i> , 22(24):5229-5234 (1994)
	BL	Morgan et al., "A surface plasmon resonance immunosensor based on the streptavidin-biotin complex," <i>Biosensors & Bioelectronics</i> 7:405-410 (1992)
	BM	Morris et al., "High affinity ligands from in vitro selection: complex targets." <i>Proc. Natl. Acad. Sci., USA</i> , 95(6):2902-7 (1998)
	BN	Osborne et al., "Aptamers as therapeutic and diagnostic reagents: problems and prospects," <i>Chemical Biology</i> , 1:5-9 (1997)
	BO	Pagratitis et al., "Potent 2'-amino-, and 2'-fluoro-2'-deoxyribonucleotide RNA inhibitors of keratinocyte growth factor," <i>Nature Biotechnology</i> 15:68-73 (1997)
	BP	Pease et al., "Light Generated Oligonucleotide Arrays for Rapid DNA Sequence Analysis," <i>Proc. Nat'l Acad. Sci. USA</i> , 91:5022-26 (1994)
	BQ	Potyrailo et al., "Adapting Selected Nucleic Acid Ligands (Aptamers) to Biosensors," <i>Anal. Chem.</i> , 70:3419-3425 (1998)
	BR	Shalon et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-Color Fluorescent Probe Hybridization," <i>Genome Res.</i> , 6:639-45 (1996)
	BS	Schena et al., "Parallel Human Genome Analysis: Microarray-Based Expression Monitoring of 1000 Genes," <i>Proc. Nat'l Acad. Sci. USA</i> , 93: 10514-19 (1996)
	BT	Sixou et al., "Intracellular Oligonucleotide Hybridization Detected by Fluorescence Resonance Energy Transfer (FRET)," <i>Nucleic Acids Res.</i> , 22:662-68 (1994)
	BU	Tyagi et al., "Molecular Beacons: Probes That Fluoresce Upon Hybridization," <i>Nature Biotech.</i> , 14:303-08 (1996)
	BV	

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